

**ABSTRACT**

The present invention relates to (a) variable regions of heavy and light chains of an antibody specific to a surface antigen in sporozoite of *Eimeria* spp.; (b) a  
5 recombinant scFV (single chain variable fragment) antibody prepared using the variable regions; (c) a method for preparing a recombinant scFv antibody; and (d) an expression vector for expressing a recombinant scFv antibody.